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Input data : JF1249798 D

PN - JP1249798 A 891005 DWB946
AP - JP880076863 880330
PR - JP880076863 880330
PA - (FUJIF) FUJI PHOTO FILM KK
PC - C07D251/30; C07J43/00
PI - 2,4-Bis (O-methoxy polyethylene glycol- 6 - cholesteryl-6-triazine der
- its deriv. useful for reinforcement of liposome structure obtd. with
dispersion of lipid in water
PB - J01249798 2,4-bis(O-methoxypolyethylene glycol)-
6-cholesteryl-5-triazine deriv. (I) is claimed; where n = a number
prescribed to give 5000 of mean mol. wt. of polyethylene glycol
monomethylether part.
USE/ADVANTAGE - The cpd. (I) is useful for the reinforcement of
liposome structure obtained with dispersion of lipid in water.
In an example, (A) cholesterol (1,35g) and Ag2CO3 (0.83g) are added to
dried ether, and reacted with the cpd. (2) (500 mg) for 10 hrs. to
form a mixt., which is filtered and purified with Sephadex G-100
column to give the cpd. (I) (480 mg) with 180-192 deg.C of m.pt. The
cpd. can be soluble to chloroform, methanol, ethanol and water.
(B) Cholesterol (1.35g) is added to dried tetrahydrofuran (100 ml)
and stirred with sodium hydride (0.16g) at room temp. for 40 min. to
form a mixt., to which dimethylformamide soln. (30 ml) of the cpd. (2)
(500 mg) is added and reacted for 10 hrs. to form a mixt., which is
filtered and purified with Sephadex column to give the cpd. (I) (450
mg). (3pp Dwg.No. 0/0)
